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1

## SEQUENCE LISTING

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<170> PatentIn version 3.2

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<210> 24

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<210> 25  
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<210> 26  
 <211> 12  
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<400> 26  
 tatctctgca gc 12

<210> 27  
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<210> 28  
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<210> 29  
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<220>  
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<210> 30  
 <211> 12  
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 <210> 31  
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 <212> DNA  
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 <210> 32  
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 segments belonging to a novel group  
  
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 <210> 33  
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 <210> 34  
 <211> 12  
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 <220>  
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 <210> 35  
 <211> 15  
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<400> 35  
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<210> 36  
<211> 15  
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<220>  
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<400> 36  
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<210> 37  
<211> 15  
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<210> 38  
<211> 15  
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<210> 39  
<211> 15  
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<210> 40  
<211> 15  
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<210> 41  
<211> 15  
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15

<210> 42

<211> 15

<212> DNA

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15

<210> 43

<211> 15

<212> DNA

<213> Artificial sequence

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<400> 43

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15

<210> 44

<211> 15

<212> DNA

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<223> Consensus DNA sequence encoding carboxy terminal portion of Vbeta segments belonging to a novel group

<400> 44

tgtgccacca gcaga

15

<210> 45

<211> 15

<212> DNA

<213> Artificial sequence

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<223> Consensus DNA sequence encoding carboxy terminal portion of Vbeta segments belonging to a novel group

<400> 45

tgtgccatca gtgag

15

<210> 46

<211> 18

<212> DNA

<213> Artificial sequence

<220>

<223> Consensus DNA sequence encoding carboxy terminal portion of Vbeta segments belonging to a novel group

<400> 46

tgtgccacca gtgatttg

18

<210> 47  
 <211> 12  
 <212> DNA  
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<220>  
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 encoding a Dbeta segment, and one of 13 sequences each of which  
 encoding a CDR3 specific portion of one of the 13 Jbeta segments

<400> 47  
 gggacwrgsg gs 12

<210> 48  
 <211> 12  
 <212> DNA  
 <213> Artificial sequence

<220>  
 <223> DNA sequence of CDR3 encoding N-terminal portion of Jbeta segment

<400> 48  
 actgaagctt tc 12

<210> 49  
 <211> 12  
 <212> DNA  
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<220>  
 <223> DNA sequence of CDR3 encoding N-terminal portion of Jbeta segment

<400> 49  
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<210> 50  
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<220>  
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<400> 50  
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<210> 51  
 <211> 15  
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 <223> DNA sequence of CDR3 encoding N-terminal portion of Jbeta segment

<400> 51  
 aatgaaaaac tgttt 15

<210> 52  
 <211> 15  
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<220>  
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<400> 52

aatcagccccc agcat 15

<210> 53  
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<220>  
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<400> 53  
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<210> 54  
 <211> 15  
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<220>  
 <223> DNA sequence of CDR3 encoding N-terminal portion of Jbeta segment

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<210> 55  
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<400> 55  
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<210> 56  
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<220>  
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<400> 56  
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<210> 57  
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<210> 59  
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 <210> 60  
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 <210> 61  
 <211> 36  
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 Vbeta-segments belonging to group No. 1  
  
 <400> 61  
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<210> 65  
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<210> 66  
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<400> 66  
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<210> 67  
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<210> 68  
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<210> 70  
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<210> 71

<211> 36

<212> DNA

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36

<210> 72

<211> 42

<212> DNA

<213> Artificial sequence

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42

<210> 73

<211> 36

<212> DNA

<213> Artificial sequence

<220>

<223> A degenerate probe having a Vbeta specific module, specific for Vbeta-segments belonging to group No. 1

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36

<210> 74

<211> 29

<212> DNA

<213> Artificial sequence

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<223> Single strand DNA oligonucleotide

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29